

Fig.1

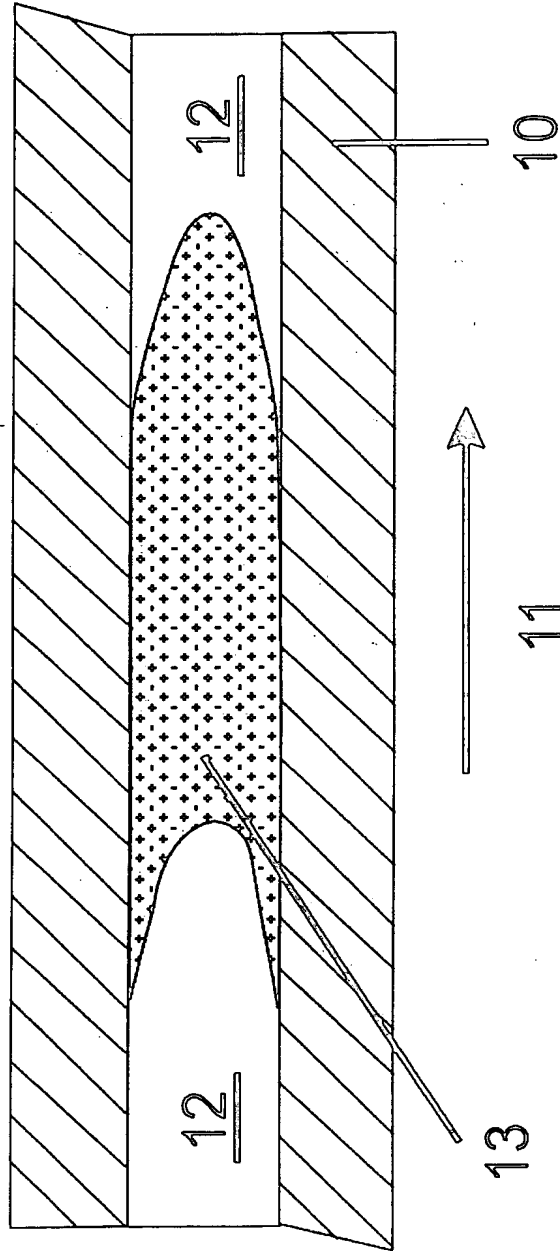
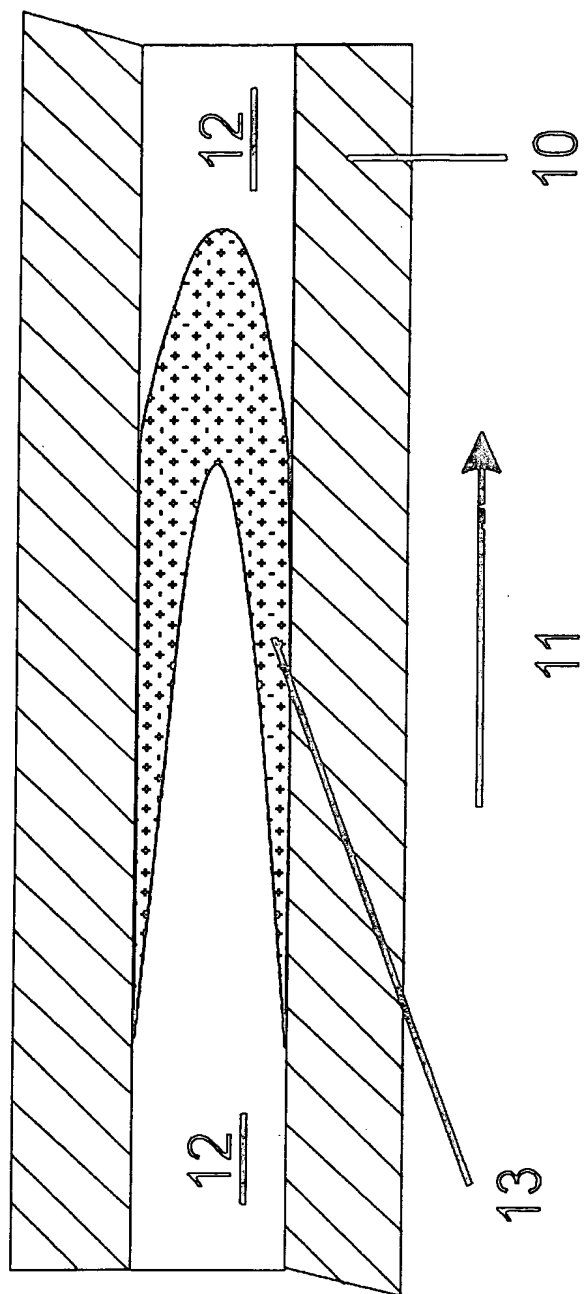


Fig. 1A



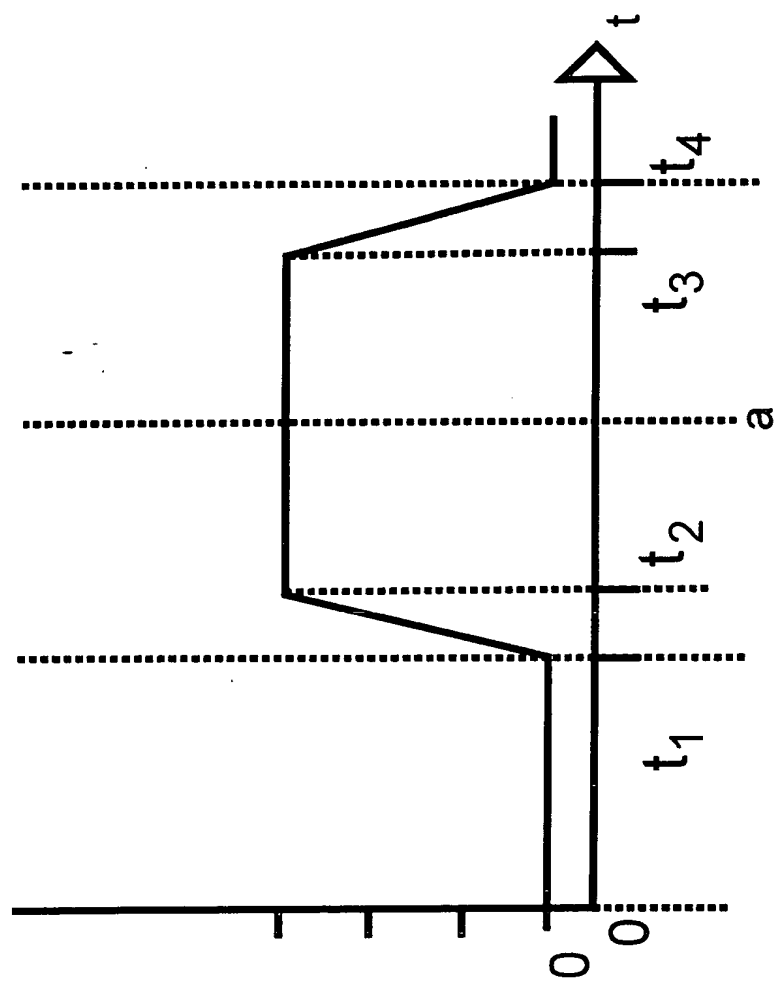


Fig. 2

Fig. 3

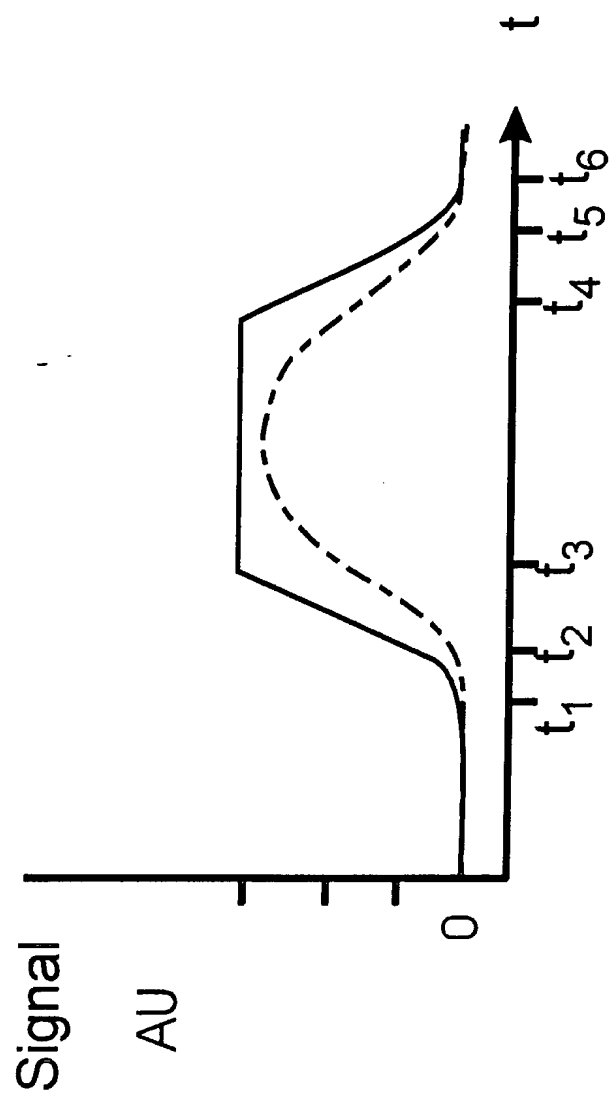
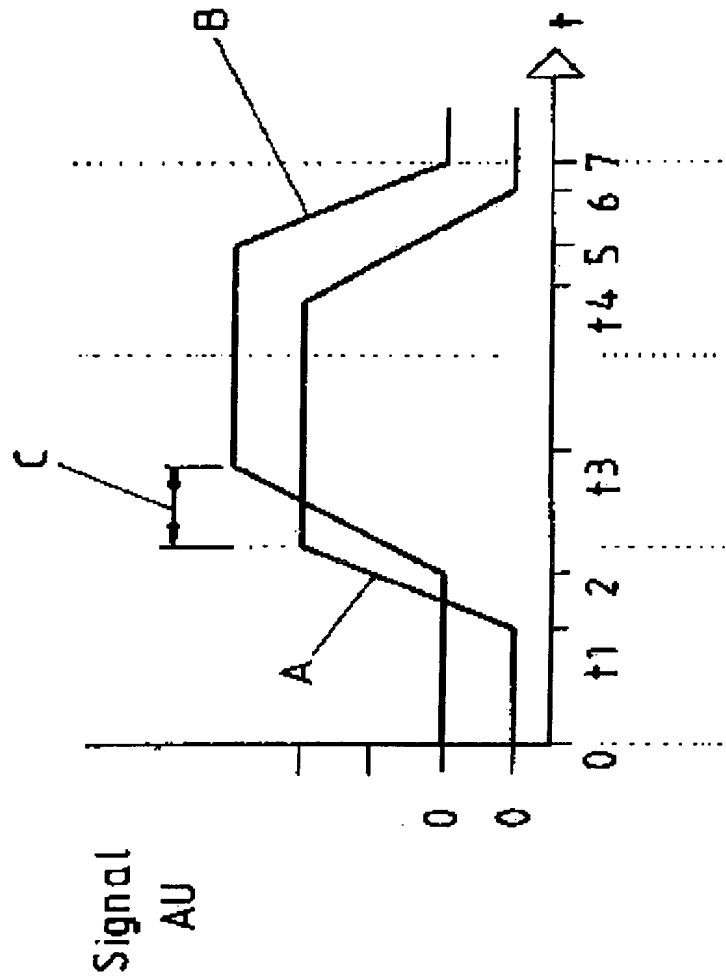
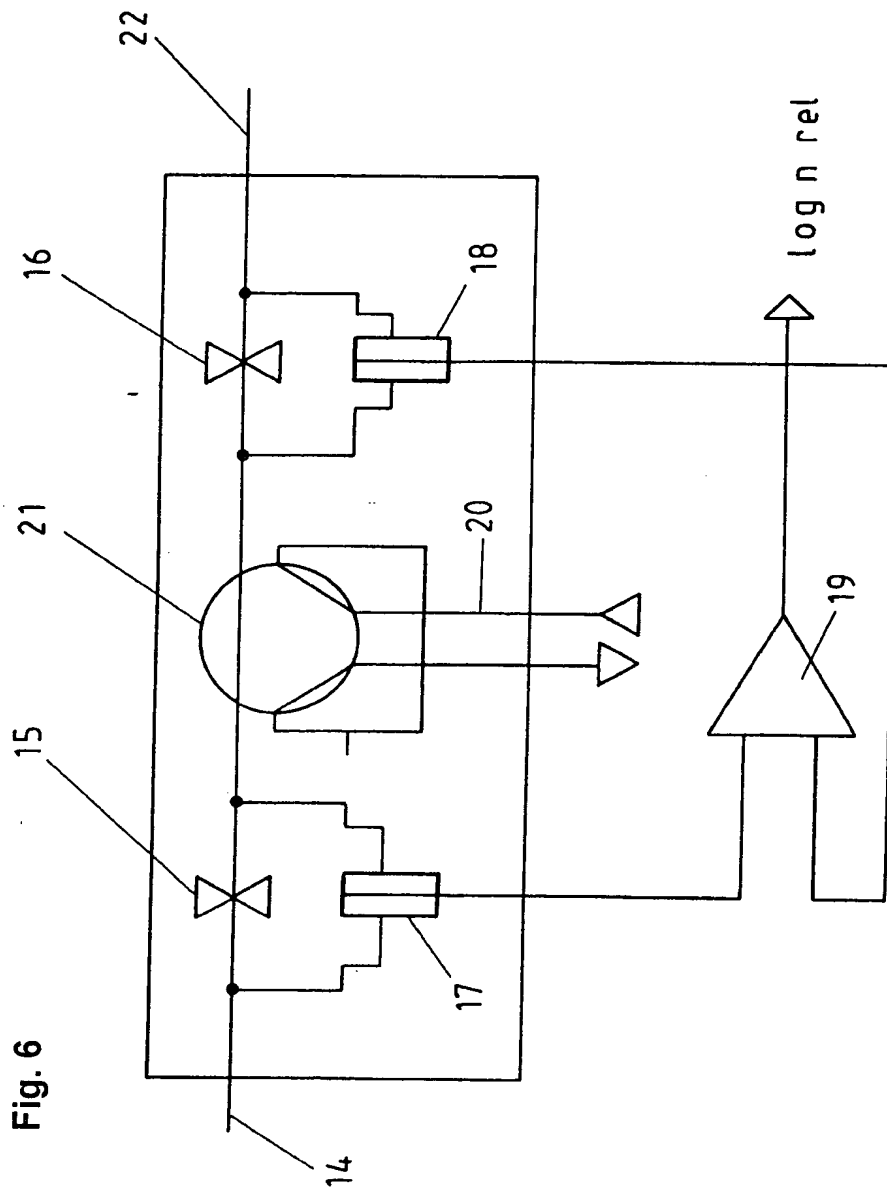
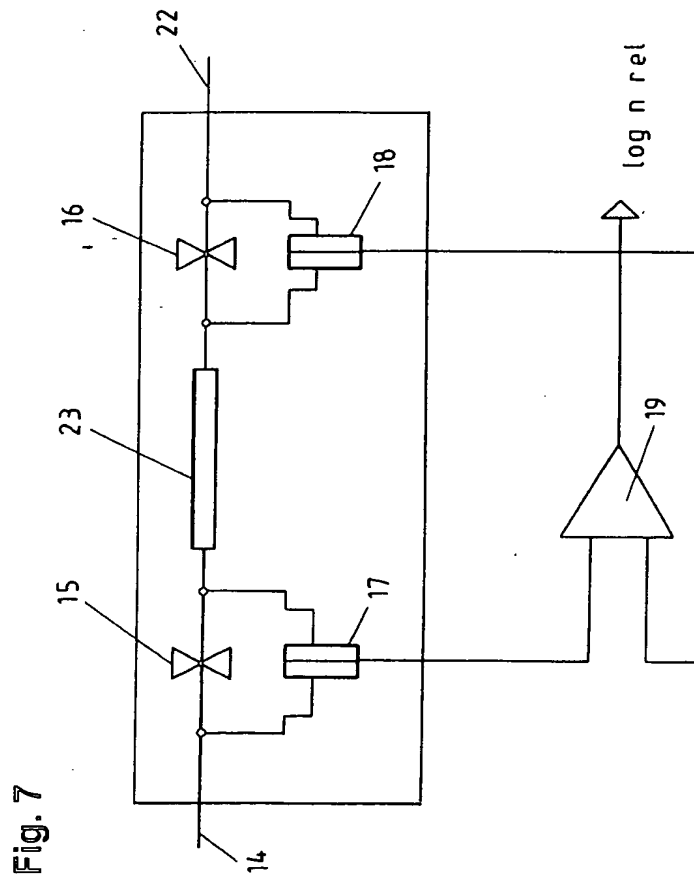


Fig. 4







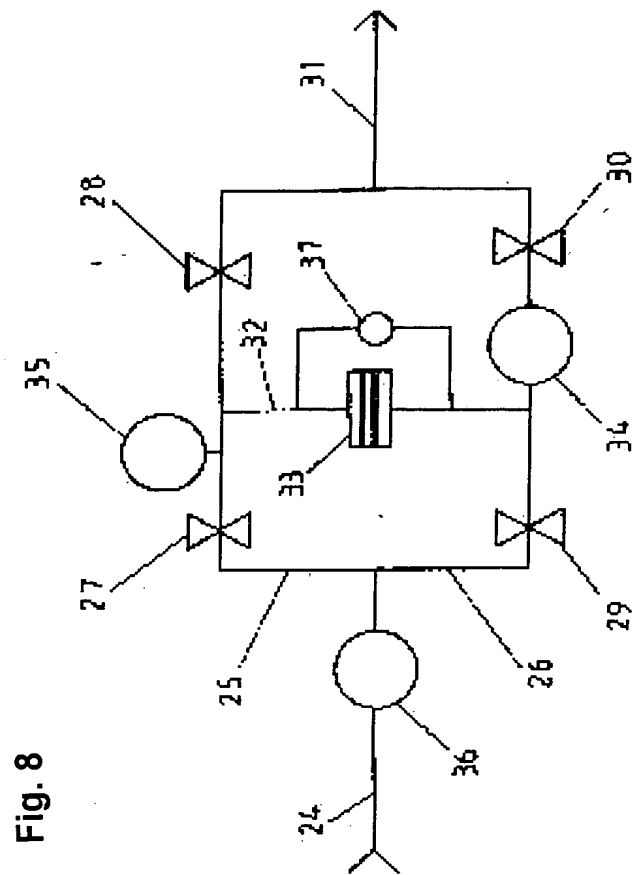
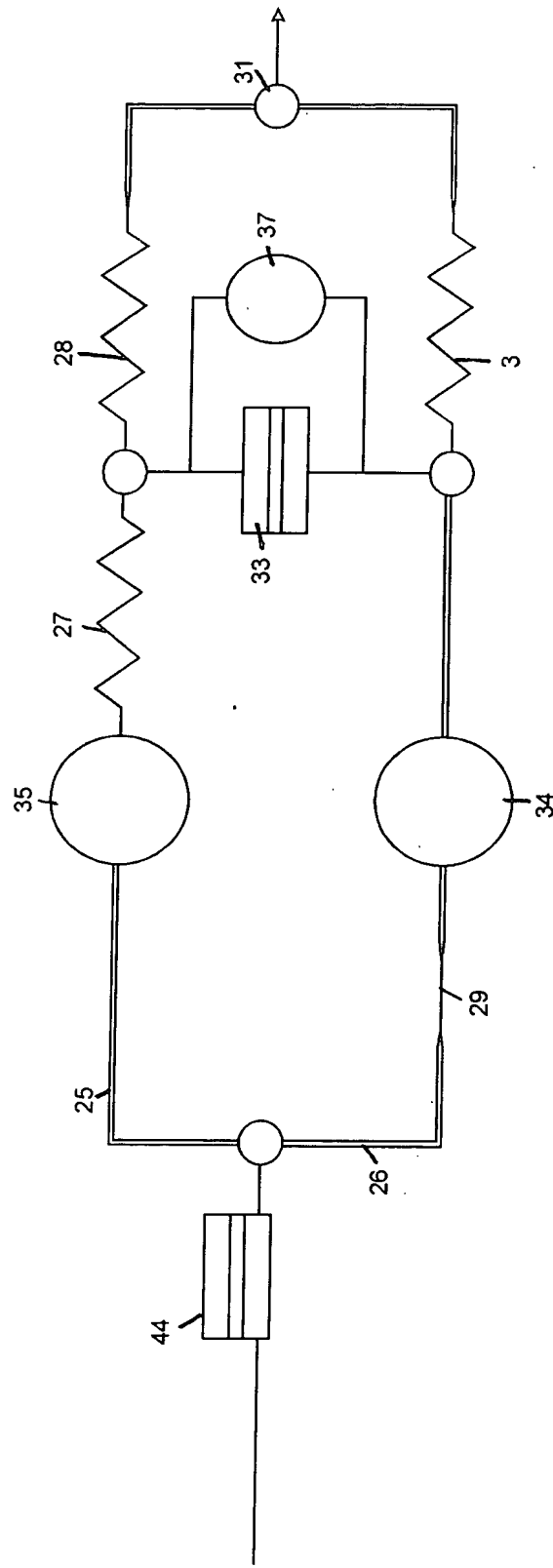


Fig. 9



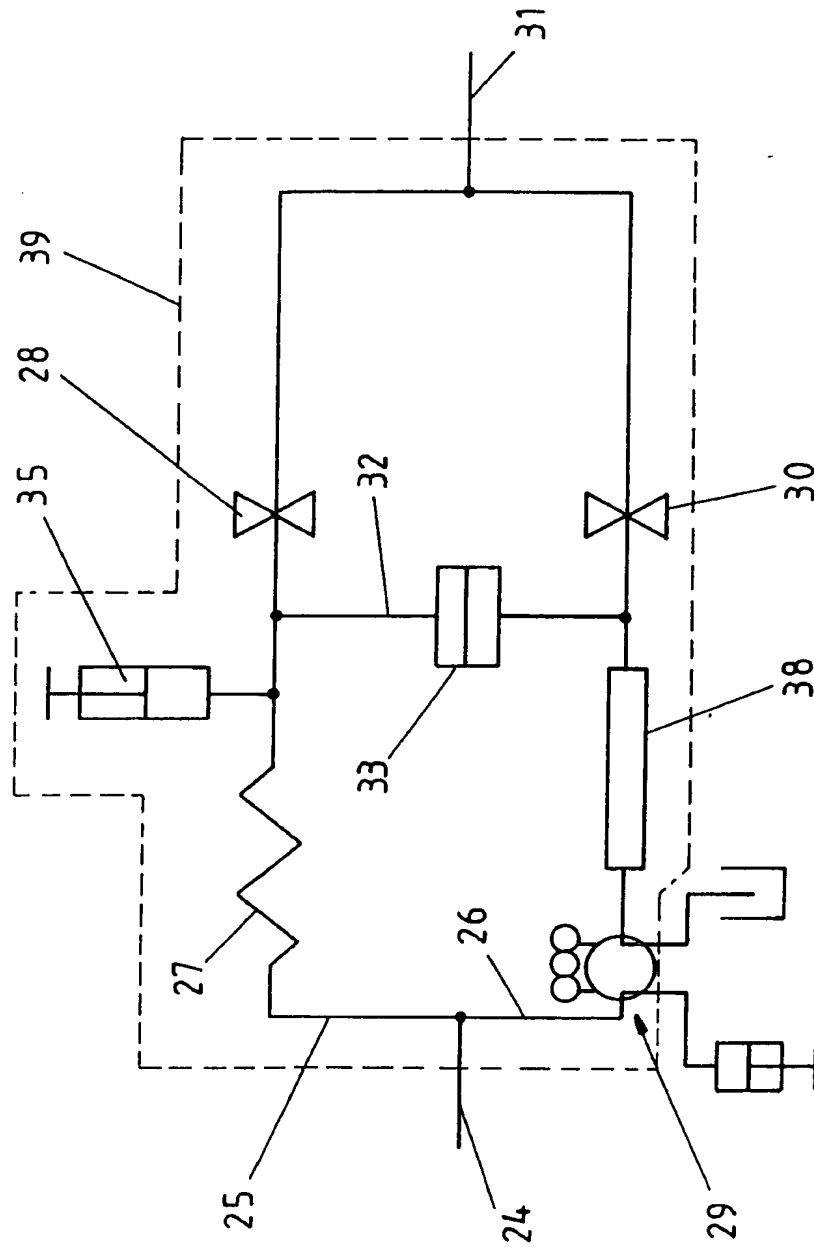
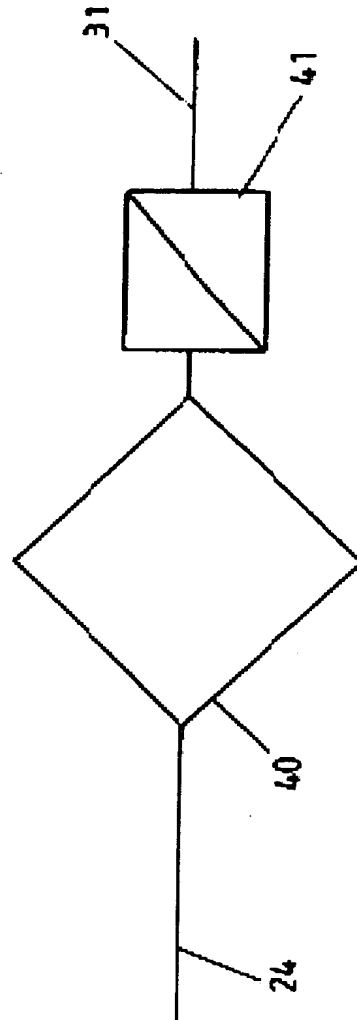


Fig.10

Fig.11



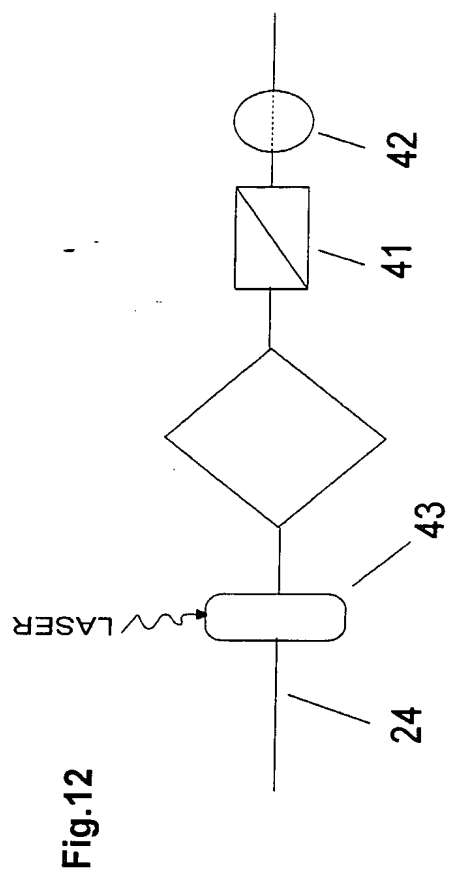


Fig.12

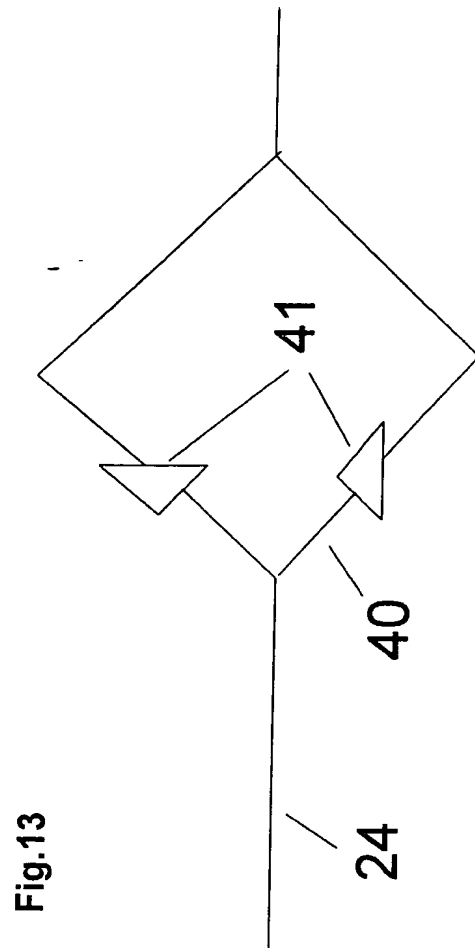


Fig.14

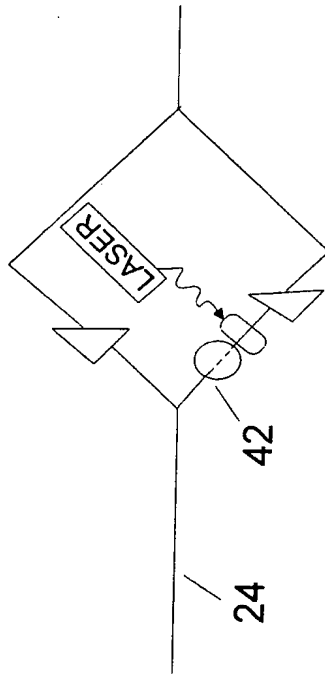


Fig.15

Anhang

$$n = \frac{\pi \cdot R^4}{8 \cdot L} \cdot \frac{\Delta P}{Q} \quad (1)$$

$$\dot{\gamma} = \frac{4}{\pi \cdot R^3} \cdot Q \quad (2)$$

$$\sigma = \frac{R}{2 \cdot L} \cdot \Delta P \quad (3)$$

$$I = Q = A_1 \cdot \sqrt{1 \cdot \left[\left(\frac{A_1}{A_2} \right)^2 - 1 \right]} \cdot \sqrt{\frac{2 \cdot \Delta P}{\rho}} \quad (4)$$

Fig. 17

